

CLAIMS

What is claimed is:

- 1 1. A method comprising:
 - 2 accessing a first logical port defining a first configuration of a service endpoint
 - 3 interface;
 - 4 selecting an item of configuration information in the accessed first logical port; and
 - 5 providing a value for the selected item of configuration information to define, at least
 - 6 in part, the first configuration of the service endpoint interface.

- 1 2. The method of claim 1, wherein providing the value for the selected item of
- 2 configuration information comprises:
 - 3 providing a HyperText Transfer Protocol (HTTP) proxy address for the first
 - 4 configuration of the service endpoint interface.

- 1 3. The method of claim 1, wherein providing the value for the selected item of
- 2 configuration information to define, at least in part, the first configuration of the service
- 3 endpoint interface comprises:
 - 4 providing an access address for the first configuration of the service endpoint
 - 5 interface.

- 1 4. The method of claim 3, wherein providing the access address for the first }- 2 configuration of the service endpoint interface comprises:
 - 3 providing a Uniform Resource Locator (URL) for the first configuration of the
 - 4 service endpoint interface.

1 5. The method of claim 1, wherein providing the value for the selected item of
2 configuration information to define, at least in part, the first configuration of the service
3 endpoint interface comprises:

4 specifying an authentication type for the first configuration of the service endpoint
5 interface.

1 6. The method of claim 5, wherein specifying the authentication type for the first
2 configuration of the service endpoint interface comprises:

3 specifying the use of client certificates for the first configuration of the service
4 endpoint interface.

1 7. The method of claim 1, wherein providing the value for the selected item of
2 configuration information to define, at least in part, the first configuration of the service
3 endpoint interface comprises:

4 specifying a transport guarantee for the first configuration of the service endpoint
5 interface.

1 8. The method of claim 7, wherein specifying the transport guarantee for the first
2 configuration of the service endpoint interface comprises:

3 specifying an encryption type for the first configuration of the service endpoint
4 interface.

1 9. The method of claim 8, wherein the specified encryption type is a Secure Socket
2 Layer protocol based encryption type.

1 10. The method of claim 10, wherein providing the value for the selected item of
2 configuration information to define, at least in part, the first configuration of the service
3 endpoint interface comprises:

4 specifying a name for the first configuration of the service endpoint interface.

1 11. The method of claim 1, further comprising:
2 accessing a second logical port defining a second configuration of the service
3 endpoint interface;
4 selecting an item of configuration information in the accessed second logical port;
5 and
6 providing a value for the selected item of configuration information to define, at least
7 in part, the second configuration of the service endpoint interface.

1 12. An application server comprising:
2 a Web service client having a service endpoint interface to expose a Web service
3 method to a client application; and
4 a processor and logic executable thereon to
5 access a first logical port defining a first configuration of the service endpoint
6 interface, and
7 provide configuration information for the accessed first logical port to define,
8 at least in part, the first configuration of the service endpoint interface.

1 13. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide configuration information to define, at least in part, the first configuration
3 of the service endpoint interface comprises:

4 a processor and logic executable thereon to provide a HyperText Transfer Protocol
5 (HTTP) proxy address for the first configuration of the service endpoint interface.

1 14. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide configuration information to define, at least in part, the first configuration
3 of the service endpoint interface comprises:

4 a processor and logic executable thereon to provide an access address for the first
5 configuration of the service endpoint interface.

1 15. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide the access address for the first configuration of the service endpoint
3 interface comprises:

4 a processor and logic executable thereon to provide a Uniform Resource Locator
5 (URL) for the first configuration of the service endpoint interface.

1 16. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide configuration information to define, at least in part, the first configuration
3 of the service endpoint interface comprises:

4 a processor and logic executable thereon to specify an authentication type for the first
5 configuration of the service endpoint interface.

1 17. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide configuration information to define, at least in part, the first configuration
3 of the service endpoint interface comprises:

4 a processor and logic executable thereon to specify a transport guarantee for the first
5 configuration of the service endpoint interface.

1 18. The application server of claim 12, wherein the processor and logic executable
2 thereon to provide configuration information to define, at least in part, the first configuration
3 of the service endpoint interface comprises:

4 a processor and logic executable thereon to specify a name for the first configuration
5 of the service endpoint interface.

1 19. A Web service client comprising:

2 a service endpoint interface to expose a Web service method to a client application;
3 and

4 a logical port implemented between the client application and the service endpoint
5 interface to define a first configuration of the service endpoint interface.

1 20. The Web service client of claim 19, wherein the logical port specifies an HyperText
2 Transfer Protocol (HTTP) proxy for the first configuration of the service endpoint interface.

1 21. The Web service client of claim 19, wherein the logical port specifies an access
2 address for the first configuration of the service endpoint interface.

1 22. The Web service client of claim 21, wherein the specified access address is a Uniform
2 Resource Locator (URL) for the first configuration of the service endpoint interface.

1 23. The Web service client of claim 19, wherein the logical port specifies an
2 authentication type for the first configuration of the service endpoint interface.

1 24. The Web service client of claim 23, wherein the specified authentication type is a
2 certificate based authentication type.

1 25. The Web service client of claim 19, wherein the logical port specifies a name for the
2 first configuration of the service endpoint interface.

1 26. The Web service client of claim 19, wherein the logical port specifies a transport
2 layer security protocol to be implemented for the first configuration of the service endpoint
3 interface.

1 27. The Web service client of claim 26, wherein the specified transport layer security
2 protocol is based on a Secure Socket Layer protocol.

1 28. The Web service client of claim 19, wherein the Web service method is based, at least
2 in part, on a Web Service Description Language (WSDL) PortType as specified in a WSDL
3 document describing the Web service method.

1 29. The Web service client of claim 19, further comprising:
2 a second logical port implemented between the client application and the service
3 endpoint interface to define a second configuration of the service endpoint interface.

1 30. A system comprising:
2 a means for accessing a first logical port defining a first configuration of a service
3 endpoint interface;
4 a means for selecting an item of configuration information in the accessed first logical
5 port; and
6 a means for providing a value for the selected item of configuration information to
7 define, at least in part, the first configuration of the service endpoint interface.

1 31. The system of claim 30, wherein the means for providing the value for the selected
2 item of configuration information to define, at least in part, the first configuration of the
3 service endpoint interface comprises:

4 a means for providing a HyperText Transfer Protocol (HTTP) proxy address for the
5 first configuration of the service endpoint interface.

1 32. The system of claim 30, wherein the means for providing the value for the selected
2 item of configuration information to define, at least in part, the first configuration of the
3 service endpoint interface comprises:

4 a means for providing an access address for the first configuration of the service
5 endpoint interface.

1 33. The system of claim 30, wherein the means for providing the value for the selected
2 item of configuration information to define, at least in part, the first configuration of the
3 service endpoint interface comprises:

4 a means for providing a name for the first configuration of the service endpoint
5 interface.

1 34. The system of claim 30, wherein the means for providing the value for the selected
2 item of configuration information to define, at least in part, the first configuration of the
3 service endpoint interface comprises:

4 a means for providing an authentication type for the first configuration of the service
5 endpoint interface.

1 35. The system of claim 30, wherein the means for providing the value for the selected
2 item of configuration information to define, at least in part, the first configuration of the
3 service endpoint interface comprises:

4 a means for specifying a transport guarantee for the first configuration of the service
5 endpoint interface.

1 36. An article of manufacture comprising:

2 an electronically accessible medium providing instructions that, when executed by an
3 apparatus, cause the apparatus to

4 access a first logical port defining a first configuration of a service endpoint interface;
5 and

6 provide configuration information to define, at least in part, the first configuration of
7 the service endpoint interface.

1 37. The article of manufacture of claim 36, wherein the instructions that, when executed
2 by the apparatus, cause the apparatus to provide configuration information to define, at least
3 in part, the first configuration of the service endpoint interface include instructions that cause
4 the apparatus to

5 provide a HyperText Transfer Protocol (HTTP) proxy address for the first
6 configuration of the service endpoint interface.

1 38. The article of manufacture of claim 36, wherein the instructions that, when executed
2 by the apparatus, cause the apparatus to provide configuration information to define, at least
3 in part, the first configuration of the service endpoint interface include instructions that cause
4 the apparatus to

5 provide an access address for the first configuration of the service endpoint interface.

1 39. The article of manufacture of claim 36, wherein the instructions that, when executed
2 by the apparatus, cause the apparatus to provide configuration information to define, at least
3 in part, the first configuration of the service endpoint interface include instructions that cause
4 the apparatus to

5 specify a transport guarantee for the first configuration of the service endpoint
6 interface.

1 40. The article of manufacture of claim 36, wherein the instructions that, when executed
2 by the apparatus, cause the apparatus to provide configuration information to define, at least
3 in part, the first configuration of the service endpoint interface include instructions that cause
4 the apparatus to

5 specify an authentication type for the first configuration of the service endpoint
6 interface.